

# ShopTek™

**Reliable and efficient  
compressed air systems**



**18-75 kW  
ROTARY SCREW  
COMPRESSORS**

  
**SULLAIR®**  
*Always air. Always there.®*

## Benefits

- Intelligent electronic controls
- Low noise levels
- Space saving and energy efficient design
- Engineered for Australian conditions
- Genuine Sullair parts and national service coverage

## Nationwide Customer Care

### Intelligent electronic control

The Sullair ShopTek™ range of compressors is fitted with the latest technology controllers, which provide multiple-compressor sequencing to ensure uniform operation and uninterrupted production.

### Deluxe monitoring

All essential parameters of the compressor are displayed on the controller. The data from the controller can also be monitored remotely through Modbus connectivity. Pressure is controlled using transducers to minimise off-load running and reduce over-compression to ensure optimum performance and savings in energy costs.

### Better for environment

Designed with noise and service in mind, the ShopTek range is quiet due to specialised canopy and component design. As such, the ShopTek range is ideally suited to busy factory environments

### Energy efficient motor

All ShopTek motors are MEPS2 compliant, for improved energy efficiency and a reduced carbon footprint associated with compressed air generation. The Sullair air-end is designed to deliver maximum output with minimum power consumption, giving the ShopTek range of compressors a superior energy advantage. All units are supplied with Sullube — a biodegradable lubricant that has a life of up to 6,000 hours.



# Sullair reduces your life-cycle costs

## Air compressor life-cycle costs

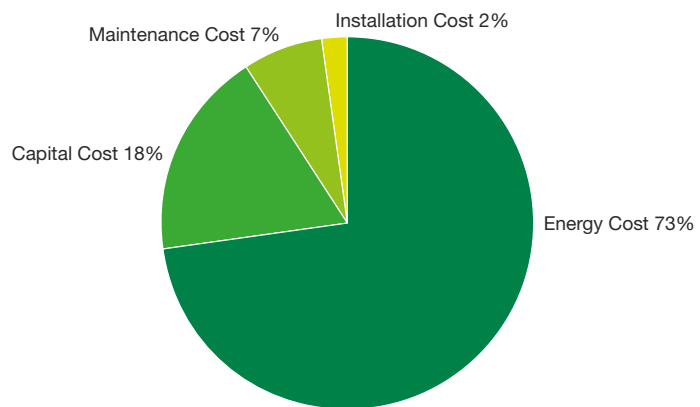
Compressed air systems account for up to 10 per cent of total industrial electricity use in Australia\*. The importance of energy efficiency is becoming more significant every day as the cost of electricity continues to rise. Nearly 75 per cent of the life-cycle cost of an air compressor is energy. Energy efficiency plays a significant role in the decision making process while selecting the right compressor for your needs.

Sullair ShopTek™ screw compressors significantly reduce operating and energy costs over the entire life cycle of the compressor. At the heart of these energy savings is Sullair's proven air-end, designed to operate at optimum efficiencies over a wide range of operating capacities.

## Sullair designs deliver cost savings for the life of the product

- Extended separator life
- Improved fluid filter life
- Less lubricant contamination
- Reduced sludge and varnish formation
- Better heat transfer efficiency

Figure 1: Compressor costs over a ten year life-cycle



## The reliable Sullair air end

### Proven reliability

Although the principle of rotary screw compression remains the same, Sullair is continually improving materials, engineering and design of its air ends and compressor packages.

### No loss of capacity or efficiency

Sullair air ends have only two major moving parts: the asymmetrical profile rotors. Contact occurs only on a lubricated pitchline, so wear is virtually eliminated. As a result, Sullair compressors do not lose capacity or efficiency.

### Longer air end life

Controlled pressure lubrication and bearing fluid reservoirs (BFR) assure a reliable supply of fluid to rotating elements.

### Lower operating costs

Discharge port matches ratios of volume and operating pressure for maximum efficiency. Axial air inlet avoids preheating inlet air for further savings.



\*Source: Energy Efficiency Best Practice Guide, Sustainability Victoria

# Clean and dry air is essential

## Sullair Genuine Parts

It is well documented that non genuine spare parts can be a cause of major component failure, the financial and operational impact of which can cost a business heavily. Choosing genuine OEM spare parts avoids this risk and gives long-lasting peace of mind from a supplier that you can trust. All Sullair Australia parts are guaranteed to meet the latest design specification and undergo rigorous inspection and quality control. Genuine spare parts represent the safest and most financially effective long term solution, helping to maintain your operations and protecting your investment.



Moisture, particulates and oil in the air stream can all damage a total compressed air system, the manufacturing processes and the end product. It is therefore essential to have air treatment for removal of these contaminants to ensure optimised quality of air. Sullair's air treatment products including air dryers and filters help protect the plant air system. Compared with standard air dryers, Sullair's technologically superior refrigerated and desiccant-type air dryers remove moisture in the reticulation system while consuming the lowest energy. Sullair filters provide additional protection and improve the quality of air by removing particulates, oil and oil vapours, thereby enhancing process and product quality. Proper air treatment also reduces compressed air energy costs and saves money.



## Sullair Dryer Features

- Oversized demister separator
- Low pressure drop
- Environmentally friendly refrigerant
- Dew-point indicator
- Easy drain access
- Multi-panel maintenance access

## Sullair Filter Features

- High efficiency design using the latest filter technology
- AS1210 approval
- Removal of coalesced liquid water and lubricants up to 0.01 mg/m<sup>3</sup>
- Filtration efficiencies of over 99.9%
- Capacities from 21 to 30,000 cfm

## Sullair Receiver Tank Features

- AS1210 approval
- Sizes from 55 lt to 25,000 lt
- Pressures up to 14.5 bar

# Sullair capabilities



## Sullair leadership

Since 1965, Sullair has been recognised around the world as an innovator and a leader in rotary screw compression technology. For more than 40 years, Sullair has designed and manufactured its own rotors and air end assemblies.

## Sullair stationary air power systems

Sullair offers complete compressed air solutions to help users reduce energy costs and improve productivity by analysing, managing and controlling their compressed air systems. Sullair's air systems include: plant air audits; energy-efficient products; compressed air system controls; system monitoring and management equipment; air-distribution products; plus superlative after-purchase support. Each component of the system is carefully matched for capacity and pressure to provide maximum performance and energy efficiency. A total Sullair system provides the user with an air quality guarantee.

## Sullair technology

Utilising the most modern technologies, equipment and advanced manufacturing techniques, Sullair designs, manufactures, assembles, and tests the most innovative compressed air products in the industry. Sullair products are renowned worldwide for their universally applicable design, outstanding craftsmanship and superior quality.

## Sullair's commitment to innovation

Underlying Sullair's leadership is a dedication to excellence and a continuing commitment to innovation. Sullair is constantly exploring new ideas and seeking enhanced ways to meet industry's requirements for increasingly energy-efficient compressed air solutions.



# Nationwide customer care

Sullair's highly trained service technicians ensure that its customers' compressors are maintained to factory standards using genuine parts and lubricants, to deliver better unit performance and longer life.

**All compressors are backed with fast delivery, installation and a range of service solutions**



### Product range

MODEL	MAXIMUM WORKING PRESSURE			FREE AIR DELIVERY* OF UNIT AT WORKING PRESSURE			MOTOR		DIMENSIONS			AIR OUTLET SIZE	APPROX WEIGHT
	bar	Kg/cm <sup>2</sup>	PSI	l/s	m <sup>3</sup> /min	CFM	kW	HP	Length	Width	Height	Inch	Kg
ShopTek 18	8.0	8.2	116	48.1	2.9	102	18.5	25	1340	740	1300	1"	590
ShopTek 22	8.0	8.2	116	61.3	3.68	130	22	30	1340	740	1300	1"	660
ShopTek 30	8.0	8.2	116	79.2	4.75	168	30	40	1700	935	1440	1 1/2"	920
ShopTek 37	8.0	8.2	116	105.6	6.34	224	37	50	1700	935	1440	1 1/2"	920
ShopTek 45	8.0	8.2	116	130	7.8	276	45	60	2200	1200	1750	2"	1380
ShopTek 55	8.0	8.2	116	158.5	9.5	336	55	75	2200	1200	1750	2"	1410
ShopTek 75	8.0	8.2	116	208.5	12.5	442	75	90	2200	1200	1750	2"	1520

\* Unit capacity specified according to PNEUROP / CAGI PN2CPTC2.

### Sales and service across Australia

Sullair Australia's head office is located in Dandenong South, Victoria. Sullair Australia operates with seven branches across Australia, providing sales and service to our clients. All of our sales and service team have the necessary skills and experience to assess our customers' needs and deliver prompt and effective solutions.



**SULLAIR AUSTRALIA PTY LTD** ABN 68 006 732 332  
 324-332 Frankston-Dandenong Road, Dandenong, VIC Australia 3175  
 PO Box 5194, Hallam, VIC 3803 P 1300 COMPRESSOR (1300 266 773)  
 F +61 3 9703 9053 [in](#) [f](#) facebook.com/SullairAustralia **SULLAIR.COM.AU**

